

**User's Guide
for
L20 GPS Tracker**

Preparation before Using

In order to better use the tracker, please read the following instructions carefully and operate the watch accordingly.

- Please check if the model number is correct and if accessories are complete or not.
- Please choose a SIM card which supports GSM/LTE and power off the watch before installing the SIM card.
- Please make sure that the SIM card is activated has data connection and VOLTE function.
- You need a smart phone to install mobile App.

In the package, there are:

- L20 tracker x 1
- Magnetic charging base x 1
- Type-c charging cable
- User manual x 1
- IMEI QR code bar x 1

Note: the QR code bar is normally pasted on the gift box.

Product Details



Mic: Do not cover it when calling.

Speaker: Listen to call

SIM card: The place to insert a nano SIM card.

Red-button: 1、 Long-press it will power on

2、 Short press button selection function

After storing the contact number in the app. Short press the red

button to select a contact, long press on the contact interface to make a call. Short press the button during a call to hang up the phone.

3、 Keep the watch tightly attached and wear it correctly. Sit still and wait for heart rate and blood pressure to be measured. The watch displays measurement data and uploads it to the backend.

4、 Keep the watch tightly attached and wear it correctly. Sit still and wait for blood oxygen measurement. The watch displays measurement data and uploads it to the backend.

5、 Shutdown interface, displaying IMEI number. Press and hold the button to shut down.

6、 Not worn, intelligent alert sound

Magnetic charge pin: Charge

Main Parameters

L20 charge base		
Picture	The charge base has 3 functions you can choose only A, or A+B, or A+B+C 	
A: Charge Features	Dimension	Φ 44mm*H42mm
	Weight	A is 16g B is 15g
	Input	5V 2A
	Max Output	
B: Power Bank	Color	Black
	Type of battery	Lithium pollymer battery
	Battery Capacity	900 mAh
	How many times for L20	once
	how long It can be charge	4~5 days
C: Beacon	save battery mode	9~10 days
	BLE version	BLE5.0
	Adv Interva	1000ms
	Tx Power	0 db
	Transmit range	50 meters in open area
	Device Name	JABX4

L20 US/EU SPEC.

Picture		
highlights	1: Dual CPU, 4G+BLE+sensor, Save power when getting health data frequently 2: Ultra high performance and power save: 1GHZ CPU+128MB RAM Run on a RTOS 3: Global Roam Connection 2G+3G+4G +WiFi Field Test Cover: 130+ Countries 200+ Carriers 4: Comprehensive health sensor and Dual color Optical lens: PPG+SPO2+Temperature 5: The magnetic charging base makes charging so simple and supports beacon function.	
Spec	Model Name	L20 EU
	Bluetooth version	BLE 5.0 can be used as indoor location
	Waterproof	IP66
	watch OS	RTOS Thread X
	LCD	1.22 inch TFT 240*240 resolution
	CPU	Unisoc W307 Cortex A53 1Ghz+ GR5515 (BLE chip as sensor Hub)
	GPS chip	W307
	GPS antenna	LDS
	GSM antenna	LDS
	heartrate sensor	
	SPO2 sensor	PAH8112ES or TBD can do PPG raw data
	Blood pressure	
	barometer	Optional
	3D accelerator	BOSCH BMA456 or TBD
	Frequency band	GSM 850/900/1800/1900mhz
		3G WCDMA : Band1, Band8
		US LTE B2 B4 B5 B7 B12 B17 B66
		EU LTE B1 B3 B5 B7 B8 B9 B19 B20 B28 B40 B41
	SIM card	nano, compatible with e-sim
	Charge port	2 pin Magnetic charging base
	Button	one SOS/Power key
	Dimension	57x34x14mm
	Available color	Black, White (for bulk order of min. 3k only)

App	Functions	Today's Date, Steps Counting, Heart Rate/Blood Pressure/SPO2 /Monitor, GPS Positioning, 2-Way Call, SOS Alarm, etc.
	App platforms	Web or mobile App
	Alarm message	Low battery, SOS, geo-fence
	Watch data	Just display, no store
	Server data	Save data for past 30 days
Material	Watch Case	PC+ABS+LDS
	Button	Silicon
	Strap	20mm Sport Strap(Silicon)
	Strap buckle	PC+GF
Weight and Size	Product weight	40g
	Package weight	120g
	Package size (L x W x H)	90*76*71mm

Main Functions:

The main functions of this tracker are:

Precise localization: guardian can obtain the wearer's accurate location at any moment.

Emergency calling: users can call for help by pressing the Orange SOS button in case of emergency.

Fitness tracking: it can test body temperature and steps.

Bi-directional calling: wearer can call his/her friends while the guardian can call the wearer at any time.

How to Use the Button



Power on: Long press the orange button to power on the device.

Power off: Under the shutdown interface, long press the button to shut down.

SOS: Long press the SOS bottom 3 seconds for SOS calling, the device will call preset SOS numbers one by one till answered.

Need to add emergency contact in the app first.

Note: After you start SOS, you cannot actively hang up the phone on the device. Only SOS contacts can answer or hang up calls. The purpose of doing this is to prevent SOS assistance from being mistakenly suspended in emergency situations.

Tracker interface

Clock: In the off screen state, press any button briefly once to light up the screen and check the time.

Short press the orange SOS button to sound the time.

Signal strength, type,

Single arrow icon: Platform did not add IMEI number (abnormal)

Double arrow icon: Connect to server (normal)

Clock: Time, Date, Step by Step Counting

Step: The 5-digit number below the step is the number of steps.

It clears at 0 o'clock every day.

Step counting interface: Reward one star for reaching 2000 steps.

Heart rate and blood pressure interface: Staying in this interface will automatically measure and upload data to the background.

There will be a prompt box for abnormal heart rate.

Blood oxygen: Staying on this interface will automatically measure and upload the data to the background.

Charge the tracker:



Power adapter: 5V 2A

Magnetic charging base: The charging base uses Type-C charging. The magnetic watch is placed on the base to charge the watch. The watch displays the current time and charging percentage.

After the watch is fully charged, the base will automatically charge. When charging, the red light remains on when the base is fully charged.

Charging dock: Built in 900mAh battery. Carrying it out, you can charge L20 once.

SIM Card Operation Guide and charging

Plug-in SIM card: Please make sure that the device is off before installing SIM card.

Pay attention to the direction of the SIM card and confirm that the waterproof ring is installed properly. Insert the cap arrow upwards and tighten the screw.

After plugged-in SIM card, wait for one minute to see if the GSM/LTE signal is shown on the display screen.



Standard -SIM card		25mm×15mm	
Micro-SIM card		15mmx12mm	SIM1
Nano-SIM card		12mm x 9mm	SIM2

Please check:

- 1) If the device time is sync
- 2) If you can call the watch with your phone.

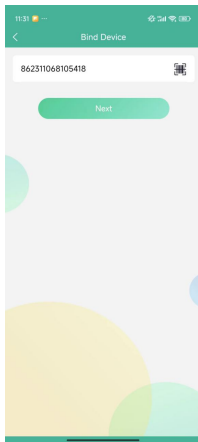
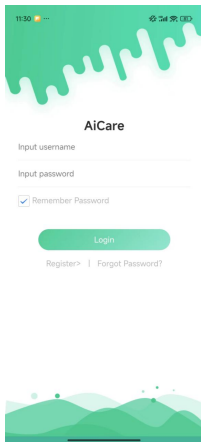
App Installation

After the watch is activated with SIM card, please install the watch APP on your mobile phone before using the watch. Below are two ways to install app :

- 1) a. Scan below QR code;
b. Search “ai care” on GooglePlay or iOS store to download the watch APP.

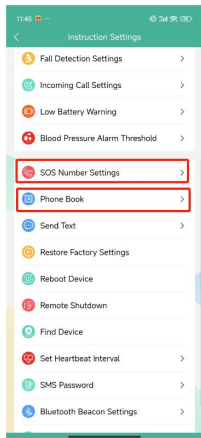


2) After App installation, please create a new account and enter basic information like user name, password, mail box, etc. Then enter the login page, input the phone number or mail box and password while registration, and finally press “sign in” to enter.



- 3) If it's the first time you login the account, you will be requested to bind the watch and the App with the device's IMEI code.
- 4) Enter into device "User information", and input the requested information, such as profile picture, nickname, birthday, height, weight, etc.

Two way call



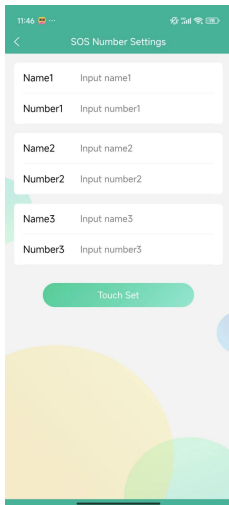
Enter into Watch Setting on the front page of the App, you can add contact phone number for your watch.

In the app, you can set 10 phone books.



- 1、Short press the orange button to select a contact
- 2、Long press the orange button to make a call
- 3、During a call, press the red button briefly once to hang up

SOS Call



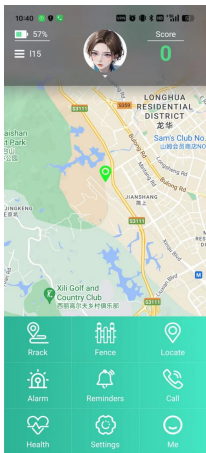
App main page - Function – SOS Number, input maximum 3 numbers and confirm setting to synchronize it to the watch. Press the watch main button over 3 seconds, it will call the SOS numbers one by one, at the same time, an alarm will be sent back to server.

On the app you set the incoming call restriction switch to on, then you can only receive calls from the white list.

GPS Positioning

On the App “Home Page”, press “Location” to enter into sitemap and check device location.

There are 3 types of working modes:



1. Default mode, the watch opens Wifi + LBS, send the location to the server every 15 minutes.

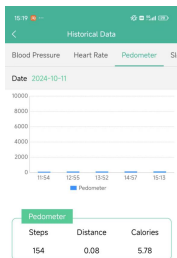
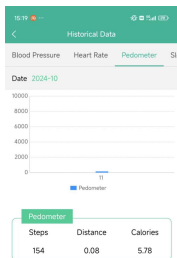
2. Emergency mode, the watch opens GPS + Wifi + LBS, send the location to the server every minute.

3. Energy saving mode, the watch opens Wife + LBS, send the location to the server every 60 minutes.

Note: There might be position deviation or App update failure due to signal weakness sometimes.

Pedometer

On the watch's home screen, the 5-digit number below the step is the number of steps. It clears at 0 o'clock every day. You can also view more detailed exercise information on health page in the App, such as steps, distance, calories,etc.



View by Day

View by Month

View by Day

View by Month

Health Measuring:

(This is an optional feature, please confirm with the dealer whether the device you purchased has this feature.)

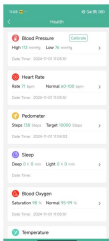
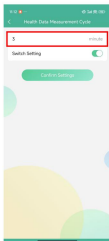
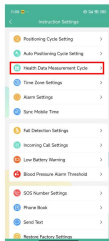
Both watches and apps can actively measure health

Enable timed health measurement

Set numbers for more than 3 minutes

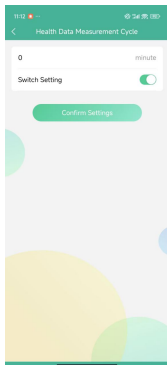
1. Home page settings

2. ⚠ Cannot be less than 3 minutes



Turn off scheduled health measurement

Set 0 to disable the function

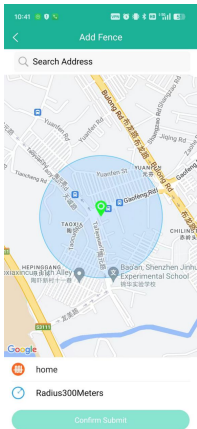


Turn off scheduled health
measurement

Set 0 to disable the function

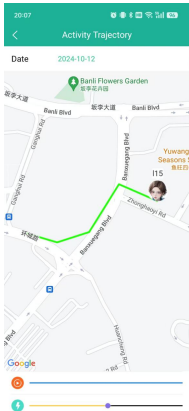
Security Fence

In the Electronic Fence interface, you can set up a secure fence area. select its range,confirm to save it. You can repeat it to add several secure fence areas. You can also modify it or remove the security fence you set up earlier.



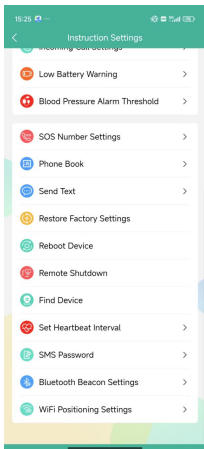
Trajectory History

Trajectory tracking interface, you can check the latest trajectory history. Enter trajectory tracking page, the above setting button you can choose to load lbs / Wi-Fi data or not. Below you can select the date to view the historical track



Other Functions

For other function Settings , see the left demonstration picture. You can set it on the function page.



Safety Warning

- Recommend use original accessories, the manufacturer is not responsible for problems caused by the use of non-original accessories.
- Don't try to repair it by yourself. The modification of the product will affect its security.
- Avoid using the watch in the following environment: places with excessive temperature fluctuations, places with the temperature higher than 60°C or lower than 0°C, places with high pressure, dust or electrostatic interference.
- Avoid touching with corrosive cleaning agents and chemicals. Please use a soft, dry cloth to clean the watch.
- It is prohibited to use the watch at the gas stations, restricted chemical plants or near the oil depots, for the use of the watch in the above environment may raise the risk of explosion.
- When you travel by airplane, please take the watch in the baggage, and try not to put it in the handbag while going through the checkpoint. The manufacturer is not responsible for the damage caused by such radiation.

About

There will be continuous upgrades and updates to this product, thus the content will be different with the final operating steps which are subject to change without prior notice.

The illustrations in the User's Guide are only for your reference. The manufacturer reserves the right of final explanation of the User's Guide.

This tracker is not a medical device, and the measured health data is for reference only. Cannot be used for medical diagnosis.